

Tower Power Station  
 Licence Number: 5357  
 Licence Holder: EDL CSM (NSW) PTY LTD  
 Licensee Address: Tower Coal Seam Methane Power Station  
 Month: FY 2018-19

Month	Location of monitoring point	Sampled	Obtained	Published	Pollutant	Units	Monitoring Frequency (Licence)	Licence Limit	Measurement during month	Min	Mean	Max	Exceedance (Yes/No)	
Jul-18	Point 10 - Ambient air and weather monitoring station		8/08/18	22/08/18	NOx	ppb	Continuous		Continuous	1	11	65		
			8/08/18	22/08/18	O3	ppb	Continuous		Continuous	-1	19	31		
	Point 11 - Air emissions monitoring		30/07/18	1/08/18	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			No	
			30/07/18	1/08/18	O&G	mg/L	Weekly during any discharge		0					
	Point 8 - First Flush Effluent quality monitoring		30/07/18	1/08/18	pH		Weekly during any discharge		0					
			2/07/18	23/07/18	1/08/18	TSS	mg/L	Monthly	0					
			2/07/18	23/07/18	1/08/18	Salinity	ppt	Monthly	0					
	Point 9 - Process Water Effluent quality monitoring		2/07/18	23/07/18	1/08/18	O&G	mg/L	Monthly	1	<5				
			2/07/18	23/07/18	1/08/18	pH		Monthly	1	7.35				
			2/07/18	23/07/18	1/08/18	TDS	mg/L	Monthly	1	147				
		2/07/18	23/07/18	1/08/18	TSS	mg/L	Monthly	1	2					
		2/07/18	23/07/18	1/08/18	Salinity	ppt	Monthly	1	0.176					
Aug-18	Point 10 - Ambient air and weather monitoring station		12/09/18	14/09/18	NOx	ppb	Continuous		Continuous	1	7	85		
			12/09/18	14/09/18	O3	ppb	Continuous		Continuous	0	21	35		
	Point 11 - Air emissions monitoring		3/09/18	14/09/18	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			No	
			3/09/18	14/09/18	O&G	mg/L	Weekly during any discharge		1	nil				
	Point 8 - First Flush Effluent quality monitoring		3/09/18	14/09/18	pH		Weekly during any discharge		1	7.1	7.1	7.1		
			2/08/18	29/08/18	14/09/18	TSS	mg/L	Monthly	0					
			2/08/18	29/08/18	14/09/18	Salinity	ppt	Monthly	0					
	Point 9 - Process Water Effluent quality monitoring		2/08/18	29/08/18	14/09/18	O&G	mg/L	Monthly	1	<5				
			2/08/18	29/08/18	14/09/18	pH		Monthly	1	7.35				
			2/08/18	29/08/18	14/09/18	TDS	mg/L	Monthly	1	164				
		2/08/18	29/08/18	14/09/18	TSS	mg/L	Monthly	1	2					
		2/08/18	29/08/18	14/09/18	Salinity	ppt	Monthly	1	0.195					
Sep-18	Point 10 - Ambient air and weather monitoring station		12/10/18	22/10/18	NOx	ppb	Continuous		Continuous	1	7	109		
			12/10/18	22/10/18	O3	ppb	Continuous		Continuous	0	21	36		
	Point 11 - Air emissions monitoring		18/10/18	22/10/18	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			No	
			18/10/18	22/10/18	O&G	mg/L	Weekly during any discharge		2	nil				
	Point 8 - First Flush Effluent quality monitoring		18/10/18	22/10/18	pH		Weekly during any discharge		2	7.1	7.125	7.15		
			4/09/18	21/09/18	10/10/18	TSS	mg/L	Monthly	0					
			4/09/18	21/09/18	10/10/18	Salinity	ppt	Monthly	0					
	Point 9 - Process Water Effluent quality monitoring		4/09/18	21/09/18	10/10/18	O&G	mg/L	Monthly	1	<5				
			4/09/18	21/09/18	10/10/18	pH		Monthly	1	6.96				
			4/09/18	21/09/18	10/10/18	TDS	mg/L	Monthly	1	146				
		4/09/18	21/09/18	10/10/18	TSS	mg/L	Monthly	1	3					
		4/09/18	21/09/18	10/10/18	Salinity	ppt	Monthly	1	0.176					
Oct-18	Point 10 - Ambient air and weather monitoring station		12/11/18	15/11/18	NOx	ppb	Continuous		Continuous	1	16	128		
			12/11/18	15/11/18	O3	ppb	Continuous		Continuous	-1	19	49		
	Point 11 - Air emissions monitoring		5/11/18	7/11/18	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			No	
			2/11/18	7/11/18	O&G	mg/L	Weekly during any discharge		10	nil				
	Point 8 - First Flush Effluent quality monitoring		2/11/18	7/11/18	pH		Weekly during any discharge		10	7	7.57	8.1		
			3/10/18	23/10/18	7/11/18	TSS	mg/L	Monthly	0					
			3/10/18	23/10/18	7/11/18	Salinity	ppt	Monthly	0					
	Point 9 - Process Water Effluent quality monitoring		3/10/18	23/10/18	7/11/18	O&G	mg/L	Monthly	1	<5				
			3/10/18	23/10/18	7/11/18	pH		Monthly	1	7.54				
			3/10/18	23/10/18	7/11/18	TDS	mg/L	Monthly	1	150				
		3/10/18	23/10/18	7/11/18	TSS	mg/L	Monthly	1	1					
		3/10/18	23/10/18	7/11/18	Salinity	ppt	Monthly	1	0.182					
Nov-18	Point 10 - Ambient air and weather monitoring station		11/12/18	14/11/18	NOx	ppb	Continuous		Continuous	1	10	105		
			11/12/18	14/11/18	O3	ppb	Continuous		Continuous	-3	17	60		
	Point 11 - Air emissions monitoring		29/11/18	14/11/18	NOx	ppm	Continuous	2132g/min	Continuous	<2132g/min			No	
			29/11/18	14/11/18	O&G	mg/L	Weekly during any discharge		3	nil				
	Point 8 - First Flush Effluent quality monitoring		29/11/18	14/11/18	pH		Weekly during any discharge		3	6.77	7.66	8.2		
			5/11/18	28/11/18	14/11/18	TSS	mg/L	Monthly	0					
			5/11/18	28/11/18	14/11/18	Salinity	ppt	Monthly	0					
	Point 9 - Process Water Effluent quality monitoring		5/11/18	28/11/18	14/11/18	O&G	mg/L	Monthly	1	<5				
			5/11/18	28/11/18	14/11/18	pH		Monthly	1	7.16				
			5/11/18	28/11/18	14/11/18	TDS	mg/L	Monthly	1	149				
		5/11/18	28/11/18	14/11/18	TSS	mg/L	Monthly	1	11					
		5/11/18	28/11/18	14/11/18	Salinity	ppt	Monthly	1	0.18					
Dec-18	Point 10 - Ambient air and weather monitoring station				NOx	ppb	Continuous		Continuous					
					O3	ppb	Continuous		Continuous					
	Point 11 - Air emissions monitoring					NOx	ppm	Continuous	2132g/min	Continuous				
						O&G	mg/L	Weekly during any discharge						
	Point 8 - First Flush Effluent quality monitoring					pH		Weekly during any discharge						
			4/12/18	17/12/18	21/12/18	TSS	mg/L	Monthly	0					
			4/12/18	17/12/18	21/12/18	Salinity	ppt	Monthly	0					
	Point 9 - Process Water Effluent quality monitoring		4/12/18	17/12/18	21/12/18	O&G	mg/L	Monthly	1	<5				
			4/12/18	17/12/18	21/12/18	pH		Monthly	1	6.68				
			4/12/18	17/12/18	21/12/18	TDS	mg/L	Monthly	1	104				
		4/12/18	17/12/18	21/12/18	TSS	mg/L	Monthly	1	13					
		4/12/18	17/12/18	21/12/18	Salinity	ppt	Monthly	1	0.123					

Note: Point 8 (First Flush) was dry during July. No water sampling conducted.

Note: First flush was empty during sampling

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